



2622

35 C15292

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KEIJI OKINAKA, et al.

Application No.: 09/826,934

Filed: April 6, 2001

For: THRESHOLD MATRIX, AND  
METHOD AND APPARATUS  
OF REPRODUCING GRAY  
LEVELS USING  
THRESHOLD MATRIX

Group Art Unit: 2622

October 23, 2001

Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

OCT 29 2001

Technology Center 2000

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.56, Applicants respectfully direct the Examiner's attention to the documents listed below and on the enclosed Form PTO-1449. A copy of each document so listed is enclosed.

U. S. Patent No. 5,111,310  
Europe 963105  
Japan 2622429  
Japan 2000-59626

B.E. Bayer, "An Optimum Method For Two-Level Rendition Of Continuous-Tone Pictures", Proceedings IEEE Int. Conf. Comm., Conference Record, pp. 26-11 to 26-15, 1973.

R.A. Ulichney, "Dithering with Blue Noise", Proceedings of the IEEE, Vol. 76, No. 1, pp. 56-79, January 1988.

T. Mitsa, et al., "Digital halftoning technique using a blue-noise mask",  
Journal Optical Society Of America, A/Vol. 9, No. 11, pp. 1920-1929,  
November 1992.

It is noted that U.S. Patent 5,111,310 is an English language counterpart of  
Japan 2622429 and therefore, the concise explanation of relevance for the non-English  
language document is believed to be satisfied by the U.S. counterpart.


Likewise, Europe 963105 is an English language counterpart for Japan  
2000-59626 and therefore, the concise explanation of relevance for the non-English  
document is believed to be satisfied by the European counterpart.

Inasmuch as this application has not yet received a first Office Action on the  
merits, it is believed that this Information Disclosure Statement is timely. See 37 C.F.R.  
§ 1.97(b)(3). Accordingly, the Examiner is urged to study this information in its entirety  
and to form an independent determination of the materiality of the information to the  
claimed invention. Additionally, the Examiner is requested to indicate that this  
information has been considered by initialing the appropriate portion of Form PTO-1449.

Applicants' undersigned attorney may be reached in our Costa Mesa,

California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



Attorney for Applicants

Registration No. 42,746

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-2200  
Facsimile: (212) 218-2200

